

Special Issue

Enteroviruses: Up-to-Date Pathogenesis, Treatment, Prevention, Rapid Diagnosis, and Vaccine Development

Message from the Guest Editor

Enteroviruses are small and positive-sense RNA viruses, including poliovirus, Coxsackie A virus, Coxsackie B virus, echovirus, and other enteroviruses (EVD68~), which are the most widespread serious and fatal diseases (aseptic meningitis). Pathogens of neonatal sepsis include diseases of advanced vertebrates including humans, encephalitis, acute flaccid paralysis (AFP), nonspecific febrile diseases, hand-foot-and-mouth disease (HFMD), herpetic angina, pleural pain, pericarditis and myocarditis. The importance of enteroviruses in human health and the limited intervention strategies that combat enterovirus infections make it urgent to better understand the molecular and biological characteristics of these viruses and to develop effective strategies to prevent them from infecting humans. The purpose of this Special Issue is to provide a solid foundation for the latest discoveries in enterovirus research, including viral molecular and structural biology, viral–host interactions, viral pathogenesis, antiviral strategies, and vaccine development.

Guest Editor

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Deadline for manuscript submissions

closed (30 April 2021)



Pathogens

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 6.8
Indexed in PubMed



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About the Journal

Message from the Editor-in-Chief

The worldwide impact of infectious disease is incalculable. The consequences for human health in terms of morbidity and mortality are obvious and vast but, when infections of animals and plants are also taken into account, it is hard to imagine any other disease that has such a significant impact on our lives—on healthcare systems, on agriculture and on world economics.

Pathogens is proud to continue to serve the international community by publishing high quality studies that further our understanding of infection and have meaningful consequences for disease intervention.

Editor-in-Chief

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